Contents

Aas P → Lyons MM
Abbiati M → Gamenick I
Achituv Y, Brickner I, Erez J: Stable carbon isotope ratios in Red Sea barnacles (Cirripedia) as an indicator of their food source 243
Aeby GS → Gochfeld DJ
Al-Bader DA → Al-Hasan RH
Al-Hasan RH, Al-Bader DA, Sorkhoh NA, Radwan SS: Evidence for *n*-alkane consumption and oxidation by filamentous cyanobacteria from oil-contaminated coasts of the Arabian Gulf 521
Althoff K, Schütt C, Steffen R, Batel R, Müller WEG: Evidence for a symbiosis between bacteria of the genus *Rhodobacter* and the marine sponge *Halichondria panicea*: harbor also for putatively toxic bacteria? 529
Alvarez-Salgado XA, Figueiras FG, Villarino ML, Pazos Y: Hydrodynamic and chemical conditions during onset of a red-tide assemblage in an estuarine upwelling ecosystem 509
Apostolidis AP → Mamuris Z
Ayre DJ, Davis AR, Billingham M, Llorens T, Styan C: Genetic evidence for contrasting patterns of dispersal in solitary and colonial ascidians 51

Barthel D → Schönberg CHL
Bastrop R → Jürss K
Bastrop R → Röhner M
Batel R → Althoff K
Baud J-P, Gérard A, Naciri-Graven Y: Comparative growth and mortality of *Bonamia ostreae*-resistant and wild flat oysters, *Ostrea edulis*, in an intensive system. I. First year of experiment 71
Becker W → Postel U
Billingham M → Ayre DJ
Bjorndal KA → Encalada SE
Bjorndal KA → Lahanas PN
Black MB, Halanych KM, Maas PAY, Hoeh WR, Hashimoto J, Desbruyères D, Lutz RA, Vrijenhoek RC: Molecular systematics of vestimentiferan tubeworms from hydrothermal vents and cold-water seeps 141
Block BA, Keen JE, Castillo B, Dewar H, Freund EV, Marcinek DJ, Brill RW, Farwell C: Environmental preferences of yellowfin tuna (*Thunnus albacares*) at the northern extent of its range 119
Bolten AB → Encalada SE
Bolten AB → Lahanas PN
Bowen BW → Encalada SE
Bowen BW → Lahanas PN
Brickner I → Achituv Y
Brill RW → Block BA
Brown JA → Evans RP
Bunn SE → Loneragan NR
Buskey EJ: Energetic costs of swarming behavior for the copepod *Dioithona oculata* 425

Cannicci S → Vannini M
Carefoot TH, Harris M, Taylor BE, Donovan D, Karentz D: Mycosporine-like amino acids: possible UV protection in eggs of the sea hare *Aplysia dactylomela* 389
Carpenter RC → Williams SL
Castillo B → Block BA
Chauvet C → Planes S
Cherel Y, Kooyman GL: Food of emperor penguins (*Aptenodytes forsteri*) in the western Ross Sea, Antarctica 335
Clancy M → Spanier E
Clark CD → Mumby PJ
Cobb JS → Spanier E
Cole FA → Ferraro SP
Cooper J → Wilson R
Cordi B, Depledge MH, Price DN, Salter LF, Donkin ME: Evaluation of chlorophyll fluorescence, in vivo spectrophotometric pigment absorption and ion leakage as biomarkers of UV-B exposure in marine macroalgae 41
Costello JH → Sullivan BK
Coutteau P, Mourente G: Lipid classes and their content of *n*-3 highly unsaturated fatty acids (HUFA) in *Artemia franciscana* after hatching, HUFA-enrichment and subsequent starvation 81
Cowen RK → Hare JA

Davis AR → Ayre DJ
Davis PJ → Evans RP
Day KH → Hare JA
Depledge MH → Cordi B
Depledge MH → Lundebye A-K
Desbruyères D → Black MB
Dewar H → Block BA
Doherty PJ → Planes S
Döhler G → Lohmann M
Donkin ME → Cordi B
Donovan D → Carefoot TH
Dove SG, Kingsford MJ: Use of otoliths and eye lenses for measuring trace-metal incorporation in fishes: a biogeographic study 377

Edwards AJ → Mumby PJ
Encalada SE, Bjorndal KA, Bolten AB, Zurita JC, Schroeder B, Possardt E, Sears CJ, Bowen BW: Population structure of loggerhead turtle (*Caretta caretta*) nesting colonies in the Atlantic and Mediterranean as inferred from mitochondrial DNA control region sequences 567
Encalada SE → Lahanas PN
Erez J → Achituv Y
Evans RP, Parrish CC, Zhu P, Brown JA, Davis PJ: Changes in phospholipase A_2 activity and lipid content during early development of Atlantic halibut (*Hippoglossus hippoglossus*) 369

Farwell C → Block BA
Fenton GE → Johnston NM
Ferraro SP, Cole FA: Effects of DDT sediment-contamination on macrofaunal community structure and composition in San Francisco Bay 323
Figueiras FG → Alvarez-Salgado XA
Figueiras FG → Figueroa FL
Figueroa FL, Niell FX, Figueiras FG, Villarino ML: Diel migration of phytoplankton and spectral light field in the Ría de Vigo (NW Spain) 491
Flynn K → Flynn KJ
Flynn KJ, Flynn K: Release of nitrite by marine dinoflagellates: development of a mathematical simulation 455
Fong P, Glynn PW: A dynamic size-structured population model: does disturbance control size structure of a population of the massive coral *Gardineroseris planulata* in the Eastern Pacific? 663
Fowler AJ, Short DA: Validation of age determination from otoliths of the King George whiting *Sillaginodes punctata* (Perciformes) 577
Freund EV → Block BA

Gamenick I, Abbiati M, Giere O: Field distribution and sulphide tolerance of *Capitella capitata* (Annelida: Polychaeta) around shallow water hydrothermal vents off Milos (Aegean Sea). A new sibling species? 447
Gérard A → Baud J-P
Giere O → Gamenick I
Gjøsæter H → Huse G
Glynn PW → Fong P
Gochfeld DJ, Aeby GS: Control of populations of the coral-feeding nudibranch *Phestilla sibogae* by fish and crustacean predators 63
Grange KR → Parker NR
Grant AJ, Rémond M, Hinde R: Low molecular-weight factor from *Plesiastrea versipora* (Scleractinia) that modifies release and glycerol metabolism of isolated symbiotic algae 543
Green EP → Mumby PJ
Grémillet D → Wilson R
Guinot D → Richer de Forges B
Gustafson RG → Peek AS

Hagerman L, Sandberg E, Vismann B: Oxygen-binding properties of haemolymph from the benthic amphipod *Monoporeia affinis* from the Baltic 209
Halanych KM → Black MB

Hare JA, Cowen RK, Zehr JP, Juanes F, Day KH: A correction to: biological and oceanographic insights from larval labrid (Pisces: Labridae) identification using mtDNA sequences 589
Hargraves P → Keller AA
Harris M → Carefoot TH
Hashimoto J → Black MB
Helmuth BST, Timmerman BEH, Sebens KP: Interplay of host morphology and symbiont microhabitat in coral aggregations 1
Hinde R → Grant AJ
Hoeh WR → Black MB
Hopcroft RR, Roff JC, Lombard D: Production of tropical copepods in Kingston Harbour, Jamaica: the importance of small species 593
Huckenbeck N → Lohmann M
Huse G, Gjøsæter H: Fecundity of the Barents Sea capelin (*Mallotus villosus*) 309

Iglesias-Prieto R, Trench RK: Acclimation and adaptation to irradiance in symbiotic dinoflagellates. II. Response of chlorophyll-protein complexes to different photon-flux densities 23
Ivanova EP, Nicolau DV, Yumoto N, Taguchi T, Okamoto K, Tatsu Y, Yoshikawa S: Impact of conditions of cultivation and adsorption on antimicrobial activity of marine bacteria 545

Jamieson BGM → Richer de Forges B
Jeffrey WH → Lyons MM
Jeon H → Keller AA
Johnston NM, Ritz DA, Fenton GE: Larval development in the Tasmanian mysids *Anisomysis mixta australis*, *Tenagomysis tasmaniae* and *Paramesopodopsis rufa* (Crustacea: Mysidacea) 93
Juanes F → Hare JA
Jürss K, Marin K, Kerstan T, Bastrop R: Population and gender-based differences in tissue-specific enzyme activities in brackish water and freshwater threespine sticklebacks, *Gasterosteus aculeatus* 301
Jürss K → Röhner M

Karentz D → Carefoot TH
Karunasagar I → Nayak BB
Keen JE → Block BA
Kellaway DM → Loneragan NR
Keller AA, Hargraves P, Jeon H, Klein-MacPhee G, Klos E, Oviatt C, Zhang J: Effects of ultraviolet-B enhancement on marine trophic levels in a stratified coastal system 277
Kelly LS, Snell TW: Role of surface glycoprotein in mate-guarding of the marine harpacticoid *Tigriopus japonicus* 605
Kerstan T → Jürss K
Kierspel M → Wilson R
Kingsford MJ → Dove SG
Klein-MacPhee G → Keller AA
Klos E → Keller AA
Kooyman GL → Cherel Y
Koslow JA → Williams A
Kurdziel JP → Nilsson P

Lahanas PN, Bjorndal KA, Bolten AB, Encalada SE, Miyamoto MM, Valverde RA, Bowen BW: Genetic composition of a green turtle (*Chelonia mydas*) feeding ground population: evidence for multiple origins 345
Lambert CC, Lambert G: Non-indigenous ascidians in southern California harbors and marinas 675
Lambert G → Lambert CC
Levinton JS → Nilsson P
Lewis JB: Reproduction, larval development and functional relationships of the burrowing, spionid polychaete *Dipolydora armata* with the calcareous hydrozoan *Millepora complanata* 651
Llorens T → Ayre DJ
Lohmann M, Döhler G, Huckenbeck N, Verdini S: Effects of UV radiation of different wavebands on pigmentation, ^{15}N-ammonium uptake, amino acid pools and adenylate contents of marine diatoms 501
Lombard D → Hopcroft RR
Loneragan NR, Bunn SE, Kellaway DM: Are mangroves and seagrasses sources of organic carbon for penaeid prawns in a tropical Australian estuary? A multiple stable-isotope study 289
Loya Y → Titlyanov EA
Lundebye A-K, Depledge MH: Automated interpulse duration assessment (AIDA) in the shore crab *Carcinus maenas* in response to copper exposure 613
Lutz RA → Black MB
Lutz RA → Peek AS
Lyons MM, Aas P, Pakulski JD, Van Waasbergen L, Miller RV, Mitchell DL, Jeffrey WH: DNA damage induced by ultraviolet radiation in coral-reef microbial communities 537

Maas PAY → Black MB
Magnusson G: Diurnal measurements of F_v/F_m used to improve productivity estimates in macroalgae 203
Malykh J → Postel U
Mamuris Z, Apostolidis AP, Triantaphyllidis C: Genetic protein variation in red mullet (*Mullus barbatus*) and striped red mullet (*M. surmuletus*) populations from the Mediterranean Sea 353
Marcinek DJ → Block BA
Marin K → Jürss K
Masuda Y → Sato M
McKenzie TP → Spanier E
Metaxas A, Young CM: Responses of echinoid larvae to food patches of different algal densities 433
Miller RV → Lyons MM
Mitchell DL → Lyons MM
Miyamoto MM → Lahanas PN
Mladenov PV → Parker NR
Mourente G → Coutteau P
Müller WEG → Althoff K
Mumby PJ, Green EP, Edwards AJ, Clark CD: Coral reef habitat mapping: how much detail can remote sensing provide? 193
Murray SN → Wakefield RL

Naciri-Graven Y → Baud J-P
Nayak BB, Karunasagar I, Karunasagar I: Influence of bacteria on growth and hemolysin production by marine dinoflagellate *Amphidinium carterae* 35
Nicolau DV → Ivanova EP
Niell FX → Figueroa FL
Nilsson P, Kurdziel JP, Levinton JS: Heterogeneous population growth, parental effects and genotype –environment interactions of a marine oligochaete 181

Okamoto K → Ivanova EP
Oviatt C → Keller AA

Pakulski JD → Lyons MM
Parker NR, Mladenov PV, Grange KR: Reproductive biology of the antipatharian black coral *Antipathes fiordensis* in Doubtful Sound, Fiordland, New Zealand 11
Parrish CC → Evans RP
Parroni M → Planes S
Pazos Y → Alvarez-Salgado XA
Peek AS, Gustafson RG, Lutz RA, Vrijenhoek RC: Evolutionary relationships of deep-sea hydrothermal vent and cold-water seep clams (Bivalvia: Vesicomyidae): results from the mitochondrial cytochrome oxidase subunit I 151
Peters G → Wilson R
Petrausch G → Postel U
Planes S, Doherty PJ: Genetic relationships of the colour morphs of *Acanthochromis polyacanthus* (Pomacentridae) on the northern Great Barrier Reef 109
Planes S, Parroni M, Chauvet C: Evidence of limited gene flow in three species of coral reef fishes in the lagoon of New Caledonia 361
Possardt E → Encalada SE
Postel U, Petrausch G, Riestenpatt S, Weihrauch D, Malykh J, Becker W, Siebers D: Inhibition of Na^+/K^+-ATPase and of active ion-transport functions in the gills of the shore crab *Carcinus maenas* induced by cadmium 407
Price DN → Cordi B
Pütz K → Wilson R

Radwan SS → Al-Hasan RH
Ramage DL, Schiel DR: Reproduction in the seagrass *Zostera novazelandica* on intertidal platforms in southern New Zealand 479
Read AJ, Westgate AJ: Monitoring the movements of harbour porpoises (*Phocoena phocoena*) with satellite telemetry 315
Regel J → Wilson R
Rémond M → Grant AJ
Richer de Forges B, Jamieson BGM, Guinot D, Tudge CC: Ultrastructure of the

spermatozoa of Hymenosomatidae (Crustacea: Brachyura) and the relationships of the family 233
Riestenpatt S → Postel U
Ritz DA → Johnston NM
Roff JC → Hopcroft RR
Röhner M, Bastrop R, Jürss K: Genetic differentiation in *Hediste diversicolor* (Polychaeta: Nereididae) for the North Sea and the Baltic Sea 171
Ruwa RK → Vannini M

Salter LF → Cordi B
Sandberg E → Hagerman L
Sato M, Masuda Y: Genetic differentiation in two sibling species of the brackish-water polychaete *Hediste japonica* complex (Nereididae) 163
Schiel DR → Ramage DL
Schönberg CHL, Barthel D: Inorganic skeleton of the demosponge *Halichondria panicea*. Seasonality in spicule production in the Baltic Sea 133
Schratzberger M, Warwick RM: Effects of physical disturbance on nematode communities in sand and mud: a microcosm experiment 643
Schroeder B → Encalada SE
Schütt C → Althoff K
Sears CJ → Encalada SE
Sebens KP → Helmuth BST
Short DA → Fowler AJ
Siebers D → Postel U
Snell TW → Kelly LS
Sorkhoh NA → Al-Hasan RH
Spanier E, McKenzie TP, Cobb JS, Clancy M: Behavior of juvenile American lobsters, *Homarus americanus*, under predation risk 397
Steffen R → Althoff K
Styan C → Ayre DJ
Suchman CL → Sullivan BK
Sullivan BK, Suchman CL, Costello JH: Mechanics of prey selection by ephyrae of the scyphomedusa *Aurelia aurita* 213

Taguchi T → Ivanova EP
Takeuchi I: Dry weight, carbon and nitrogen components of caprellid amphipods (Crustacea) inhabiting the *Sargassum yezoense* community of Otsuchi Bay, northeastern Japan 417
Tatsu Y → Ivanova EP
Taylor BE → Carefoot TH
Thiel M: Reproductive biology of a filter-feeding amphipod, *Leptocheirus pinguis*, with extended parental care 249
Timmerman BEH → Helmuth BST
Titlyanov EA, Titlyanova TV, Loya Y, Yamazato K: Degradation and proliferation of zooxanthellae in planulae of the hermatypic coral *Stylophora pistillata* 471
Titlyanova TV → Titlyanov EA
Trench RK → Iglesias-Prieto R
Triantaphyllidis C → Mamuris Z
Tudge CC → Richer de Forges B

Valverde RA → Lahanas PN
Van Waasbergen L → Lyons MM
Vannini M, Ruwa RK, Cannicci S: Effect of microclimatic factors and tide on vertical migrations of the mangrove crab *Sesarma leptosoma* (Decapoda: Grapsidae) 101
Verdini S → Lohmann M
Villarino ML → Alvarez-Salgado XA
Villarino ML → Figueroa FL
Vismann B → Hagerman L
Vrijenhoek RC → Black MB
Vrijenhoek RC → Peek AS

Wakefield RL, Murray SN: Factors influencing food choice by the seaweed-eating marine snail *Norrisia norrisi* (Trochidae) 631
Warwick RM → Schratzberger M
Weihrauch D → Postel U
Weimerskirch H → Wilson R
Weinberg JR: Density-dependent growth in the Atlantic surfclam, *Spisula solidissima*, off the coast of the Delmarva Peninsula, USA 621
Westgate AJ → Read AJ
Williams A, Koslow JA: Species composition, biomass and vertical distribution of micronekton over the mid-slope region off southern Tasmania, Australia 259
Williams SL, Carpenter RC: Grazing effects on nitrogen fixation in coral reef algal turfs 223
Wilson R, Peters G, Regel J, Grémillet D, Pütz K, Kierspel M, Weimerskirch H, Cooper J: Short retention times of stomach temperature loggers in free-living seabirds: is there hope in the spring? 559

Yamazato K → Titlyanov EA
Yoshikawa S → Ivanova EP
Young CM → Metaxas A
Yumoto N → Ivanova EP

Zehr JP → Hare JA
Zhang J → Keller AA
Zhu P → Evans RP
Zurita JC → Encalada SE